S0473-1

ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	30	176	0	0 S	740	0	840	1,105,292	32,867	125,251
API# 02-001-20001				107 U						
				103 V						
01 Navajo-138 (388)	30	386	0	0 S	1,600	0	4,080	1,099,007	63,521	614,544
API# 02-001-20012				524 U						
				496 V						
01 Navajo-C (484)	30	29	0	0 S	115	0	120	6,777	2,092	1,777
API# 02-001-20092				15 U						
				15 V						
01X Navajo-B (445)	30	719	0	0 S	2,650	0	960	1,832,898	49,244	214,028
API# 02-001-20068				122 U						
				118 V						
02 Navajo-88 (431)	27	545	138	0 S	1,983	556	805	818,697	273,227	135,039
API# 02-001-20055				96 U						
				93 V						
03 Navajo-138 (723)	29	127	0	0 S	521	0	1,652	89,534	5,147	91,691
API# 02-001-20253				207 U						
				199 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	29	339	0	0 S	1,472	0	3,276	1,882,828	264,008	622,361
API# 02-001-20011				414 U						
				398 V						
04 Navajo (384)	30	2,916	10,367	0 S	12,033	43,799	120	3,447,559	2,057,928	101,765
API# 02-001-20009				15 U						
				15 V						
06 Navajo (390)	30	174	0	0 S	708	0	120	277,599	12,448	85,130
API# 02-001-20014				15 U						
				15 V						
06 Navajo-88 (722)	29	29	0	0 S	264	0	116	42,620	728	260,556
API# 02-001-20252				13 U						
				13 V						

LEGEND ON LAST PAGE

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	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0	S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0	U						
				0	V						
11 Navajo (506)	30	796	0	0	S	3,175	0	1,666	939,271	81,446	619,569
API# 02-001-20106				420	U						
				0	V						
14 Navajo (416)	30	37	0	0	S	158	0	476	306,803	21,041	147,106
API# 02-001-20040				61	U						
				59	V						
15 Navajo (417)	0	0	0	0	S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0	U						
				0	V						
16 Navajo (419)	0	0	0	0	S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0	U						
				0	V						
17 Navajo (618)	0	0	0	0	S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0	U						
				0	V						
19 Navajo (691)	30	525	0	0	S	2,052	0	2,016	310,604	11,443	233,650
API# 02-001-20240				540	U						
				0	V						
20 Navajo (696)	30	107	0	0	S	443	0	120	179,579	4,074	80,025
API# 02-001-20245				15	U						
				15	V						
21 Navajo (693)	30	411	0	0	S	1,682	0	360	55,834	26,816	27,762
API# 02-001-20242				46	U						
				44	V						
22 Navajo (692)	30	89	0	0	S	351	0	456	46,138	4,153	31,177
API# 02-001-20241				61	U						
				59	V						
24 Navajo (695)	0	0	0	0	S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0	U						
				0	V						
25 Navajo (719)	29	62	0	0	S	284	0	1,190	63,791	3,842	54,934
API# 02-001-20249				148	U						
				142	V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0	U						
				0	V						
27 Navajo (721)	21	179	0	0	S	384	0	324	76,253	665	49,472
API# 02-001-20251				61	U						
				59	V						
Operator & Field Total		7,646	10,505	4,723		30,615	44,355	18,697	14,786,710	3,955,622	4,093,766
Abandoned Producers									2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,588,339	5,051,952	4,530,575
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	22	4	0	27,995	S	28	0	120,321	8,217	65,124	568,353
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	2	0	0	1,577	S	11	0	26,674	462,880	477,357	157,540
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	0	0	0	0	S	673	21,976	0	84,562	476,284	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		4	0	29,572		712	21,976	146,995	555,659	1,018,765	729,442
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									795,620	2,096,583	756,941
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	1	2	0	0	S	10	0	17	133,134	662,213	1,929,385
API# 02-001-05199				5	U						
				0	V						
02 Navajo (22)	1	0	0	0	S	13	0	11	16,833	8,828	1,765,227
API# 02-001-05200				2	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		2	0	7		23	0	28	157,988	793,815	3,729,835
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,659	5,006,077	9,635,323
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	15	5	0	5,219	S	23	0	26,589	829	233	821,116
API# 02-001-20145				95	U						
				0	V						
03 Black Rock (581)	15	13	85	3,355	S	69	409	17,230	2,132	1,698	341,079
API# 02-001-20162				95	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
05 Black Rock (868)	15	35	390	5,219	S	77	1,877	26,589	3,705	4,377	805,803
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	15	0	90	23,486	S	20	434	118,324	3,111	1,141	736,997
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		53	565	37,659		189	2,720	188,732	9,777	7,449	2,704,995
Abandoned Producers									17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)									27,042	290,457	4,339,560
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		7,705	11,070	71,961		31,539	69,051	354,452	19,885,086	13,014,048	24,211,804

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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